

19990802.qrp v01_n536.qrl.990802

Date: Mon, 2 Aug 1999 19:03:03 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1536

QRP-L Digest 1536

Topics covered in this issue include:

- 1) [46571] FS: DX-398
by Bob Hirsch <bobh@p3.net>
- 2) [46572] Tech America Soldering Station
by "John Zaruba Jr" <jzaruba@snip.net>
- 3) [46573] Re: Small Wonders DSW 40
by "Jerry Decker N5RV" <n5rv@hex.net>
- 4) [46574] Re: Tech America Soldering Station
by "John Zaruba Jr" <jzaruba@snip.net>
- 5) [46575] Summer Daze Sprint 99 WB3AAL
by "Ron Polityka" <wb3aal@talon.net>
- 6) [46576] Re: Tech America Soldering Station
by Pete Burbank <plburbank@kih.net>
- 7) [46577] electronic theory course
by randy cornelison <randyc@tsixroads.com>
- 8) [46578] 2N22/40 Completed/Parts
by Elliott Lawrence <edl@pacbell.net>
- 9) [46579] Finding the Sierra box pictures
by Nils R Young <nilsbull@juno.com>
- 10) [46580] WTB: Tenc tec 208A audio filter
by Roy <marion@montana.com>
- 11) [46581] Tex 5103N
by Pete Burbank <plburbank@kih.net>
- 12) [46582] electric fence poly wire for antennas??
by "Dave Benham" <dodgeboy@mindspring.com>
- 13) [46583] 2N22/40 Parts
by Elliott Lawrence <edl@pacbell.net>
- 14) [46584] Re: electric fence poly wire for antennas??
by Paul Erickson <paule@sfu.ca>
- 15) [46585] 2N2/40 DX QSOs
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 16) [46586] Re: electronic theory course
by Barry J Minsky <w2bj@juno.com>
- 17) [46587] QRP On A027
by Jess Gypin <jessqrp@concentric.net>
- 18) [46588] NWQ Newsletter Unveiled (again)
by "Bill Todd" <bill@willapabay.org>
- 19) [46589] Just Bragging...

- by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 20) [46590] Re: MFJ ANALYZER and DIP COILS
by RangerSF5@aol.com
- 21) [46591] Re: TiCK keyer info
by Monte Stark <ku7y@dri.edu>
- 22) [46592] Re: electronic theory course
by Gerald T Kelley <n9fqf@juno.com>
- 23) [46593] Attention QRP Webmasters
by "Al Gritzmacher" <ae2t@localnet.com>
- 24) [46594] Re: Homebrew variable inductors
by "Leon Heller" <leon_heller@hotmail.com>
- 25) [46595] Daniel, CONGRATULATIONS
by John R Kirby <n3aaz-qrp@juno.com>
- 26) [46596] Re: electric fence poly wire for antennas??
by hb9dnn@gmx.net (Robert M. Ganter)
- 27) [46597] Mil2000
by "Paul Helbert, Wv3j" <phelbert@rica.net>
- 28) [46598] FS: QRP Stn and other accessories
by "curt" <k3ivb@stargate.net>
- 29) [46599] Balun Help Requested
by "Joel Frederick Kluender" <nf9k@eudoramail.com>
- 30) [46600] Re: electric fence poly wire for antennas??
by Dean W Manley <kh6b@juno.com>
- 31) [46601] OT test do not read
by "Armin Hachmer" <armin@muskoka.com>
- 32) [46602] PSK31 with QRP Rig
by wd9eyb@butler.indiana.net
- 33) [46603] Re: PSK31 with QRP Rig
by "Vincent Ferme" <vferme@sprint.ca>
- 34) [46604] Re: PSK31 with QRP Rig
by "George T. Baker" <w5yr@swbell.net>
- 35) [46605] Re: PSK31 with QRP Rig
by Ted Beach <k4mkx@netzero.net>
- 36) [46606] New LDG Digital Wattmeter at First Glance
by Jeff Gold <JGold@tntech.edu>
- 37) [46607] Missing NC-20 text files
by charles k brown <n4so@juno.com>
- 38) [46608] Emtech Help!
by Bagswereus@aol.com
- 39) [46609] Re: Homebrew variable inductors
by "Randy Jouett" <rules@bellsouth.net>
- 40) [46610] untuned power transformers for 10 m?
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 41) [46611] SV: Emtech Help!
by "Hans Sundstrom" <hans.sundstrom@telia.com>
- 42) [46612] Re: Emtech Help!
by Andy Fox <foxes@theriver.com>
- 43) [46613] Out to Africa...

by Bagswereus@aol.com

44) [46614] What do I need to work 40 meters in S.A.?
by Bagswereus@aol.com

45) [46615] Milliwatt Worked All States progress rpt
by Jim Hale <kj5tf@yahoo.com>

46) [46616] 2N22/40 Parts
by Elliott Lawrence <edl@pacbell.net>

47) [46617] Re: Tech America Soldering Station
by "Carl Zmola" <zmola@campbellsci.com>

48) [46618] Re: What do I need to work 40 meters in S.A.?
by GElam30092@aol.com

49) [46619] Proposed New Date for QRP ARCI Fall QSO Party
by Joe Gervais <vole@primenet.com>

50) [46620] FS: GM-17 Kit..
by "Phinizy, William" <wphinizy@filenet.com>

51) [46621] ... And Ft. Tuthill was GREAT!
by Joe Gervais <vole@primenet.com>

52) [46622] Re: Musicians,cw etc.
by "Phinizy, William" <wphinizy@filenet.com>

53) [46623] Re: DK9SQ Fiberglass Telescoping Tower
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

54) [46624] UTC/GMT info
by Monte Stark <ku7y@dri.edu>

55) [46625] Re: What do I need to work 40 meters in S.A.?
by Dave Sjolin <sjolin@swbell.net>

56) [46626] Re: 2N2/40 Mea culpa!
by "Carl Zmola" <zmola@campbellsci.com>

57) [46627] Re: What do I need to work 40 meters in S.A.?
by Bob Nielsen <nielsen@primenet.com>

58) [46628] Re: untuned power transformers for 10 m?
by "John Moriarity" <k6qq@hdo.net>

59) [46629] For Sale
by RobCap@aol.com

60) [46630] best kit I ever built
by hw.merz@t-online.de (Hanns W. Merz)

61) [46631] Re: DK9SQ Fiberglass Telescoping Tower
by Jim Durkin <jimdurkin@yahoo.com>

62) [46632] Re: electric fence poly wire for antennas??
by Dave Marling <dbm@klis.com>

63) [46633] Re: DK9SQ Fiberglass Telescoping Tower
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

64) [46634] Back from Yosemite.
by Ed Loranger <we6w@qsl.net>

65) [46635] Re: DK9SQ Fiberglass Telescoping Tower
by "Ed Hare, W1RFI" <w1rfi@arrl.net>

66) [46636] Looking For Component Identification Program
by "Randy Jouett" <rules@bellsouth.net>

67) [46637] Re: Tech America Soldering Station

by "John Zaruba Jr" <jzaruba@snip.net>
68) [46638] New Editor for the QRP ARCI Quarterly
by Monte Stark <ku7y@dri.edu>
69) [46639] Re: DK9SQ Fiberglass Telescoping Tower
by Elliott Lawrence <edl@pacbell.net>
70) [46640] Antenna Ideas at new QTH
by Ed Loranger <we6w@qsl.net>
71) [46641] QRP Quarterly
by william h ross <k6mgo@juno.com>

Date: Sun, 01 Aug 1999 19:05:27 -0400
From: Bob Hirsch <bobh@p3.net>
To: qrp-l@lehigh.edu
Subject: [46571] FS: DX-398
Message-ID: <3.0.6.32.19990801190527.008de470@pop.p3.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have a mint condition 5 month old Radio Shack DX-398 shorwave receiver for sale.
This is the portable with the digital display and RDS.
Includes original box and manual, of course.
I'll ship for \$175.

Please reply direct.
Tnx.

72/73 de Bob, W3CW
New Hope Pennsylvania

Date: Sun, 1 Aug 1999 20:02:40 -0400
From: "John Zaruba Jr" <jzaruba@snip.net>
To: <qrp-l@lehigh.edu>
Subject: [46572] Tech America Soldering Station
Message-ID: <002801bedc7a\$56c31960\$b54bccd1@win95>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Group,

Tech America has a digital soldering station on sale for half price.

Anyone have any experiences with this unit?

72/3 de John

John Zaruba AA2BN
Franklinville, NJ

aa2bn@amsat.org

Date: Sun, 1 Aug 1999 19:03:51 -0500
From: "Jerry Decker N5RV" <n5rv@hex.net>
To: <wd4et@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46573] Re: Small Wonders DSW 40
Message-ID: <000f01bedc7a\$82f0e9e0\$0401a8c0@n5rv.hex.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'd email them about your momentary toggle switches. More than likely they will replace them free of charge. I had 2 resistors missing from my kit and they mailed them out the next business day.

I built mine about a 1 and a half months ago and I do not have the same problem you have with the momentary toggles. I am 100% happy with mine although I had to rewind the last toroid twice due to my own mistake HIHI.

de Jerry N5RV

----- Original Message -----
From: Jeffrey L. L. Greer <wd4et@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, August 01, 1999 5:13 PM
Subject: Re: Small Wonders DSW 40

> I just finished building the LDG QRP Autotuner. It went together very
> easily. It took about two evenings to finish the construction. The point
> to point wiring for the enclosure was the most tedious part. Everything
> in the kit is high quality except the spring loaded toggle switches.
> Particularly the ones for manually changing the capacitance and
> inductance. Their operation is very sloppy. Much of the time you have to

> manually move them back to the center (neutral) position.
>
> IMHO, there is little need for the capacitance and inductance switches. I
> found that adjusting them manually to be cumbersome and inaccurate. Along
> the same lines, the semi/auto tune switch is un-needed. It's probably
> best to leave it in the semi mode and press the "tune" button when you
> want to activate the search. When in the auto mode, the processor never
> goes into the sleep mode, generating possible interference all of the
> time. It doesn't go into the search mode automatically until the SWR goes
> above 3:1 anyway, which is a little high for most qrp rigs. I also felt
> that the "tune" LED is redundant since you can hear the relays buzzing
> whenever it is in the tune mode.
>
> The tuner performs well for me. I have a G5RV up that is badly in need of
> maintenance. It finds a <1.5:1 match almost every time while using only
> 0.2 watts for tuning. The search is quite fast. Usually less than a
> second. Current consumption is reasonable. I measured it several times
> and usually ends up around 120 - 130 mW.
>
> It works well with my FT-840 and NC-40A. It also works well with my K2
> though some have had a problem with that combination.
>
> Just my 2 cents worth. No connection with LDG. Just a satisfied customer.
>
> 73, Jeff
>
> -----
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 1 Aug 1999 20:32:22 -0400
From: "John Zaruba Jr" <jzaruba@snip.net>
To: "George Goodroe" <goodroe@worldnet.att.net>
Cc: <qrp-l@lehigh.edu>
Subject: [46574] Re: Tech America Soldering Station
Message-ID: <003301bedc7e\$7cc18580\$b54bccd1@win95>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Hi John...what is the part number for the digital station?
 >
 >Thanks and 73 de KF4CPJ
 >George

part number 910-3893

72/3 de John

 Date: Sun, 1 Aug 1999 20:54:27 -0400
 From: "Ron Polityka" <wb3aal@talon.net>
 To: "QRP-L" <qrp-l@Lehigh.EDU>
 Subject: [46575] Summer Daze Sprint 99 WB3AAL
 Message-ID: <00df01bedc81\$92db73a0\$33e508cf@wb3aal>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit
 Content-Transfer-Encoding: 7bit

Call: WB3AAL ARCI QRP # 5318

Band	QSO	Members	Non-Member Different Continent	S\P\C
0 80	0	0	0	
0 40	0	0	0	
0 20	5	(x 5 pts.)	2	(x 4 pts.) 7
0 15	0	0	0	
0 10	0	0	0	

 -

20 + 8 = 28 QSO Pts.
 x 7 S\P\C

--
 196
 x 7 Pwr.

>
>Tech America has a digital soldering station on sale for half price.
>
>Anyone have any experiences with this unit?
>
>72/3 de John
John, Sorry couldn't resist....Is that for burned fingers?
Again, the usual caution goes out to those tempted to
solder with shorts on. HI!
72/3/88 to all
Pete NV4V vvvvvvvvv

Date: Sun, 01 Aug 1999 19:56:24 -0500
From: randy cornelison <randyc@tsixroads.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46577] electronic theory course
Message-ID: <37A4ECB8.C8E94463@tsixroads.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I saw a post within the last 2 days about a canadian tech school that
has a course on electronics on cd or a course where you can get credits.
I wrote the website down incorrectly or something...had no luck. Anybody
still have this website?
Thanks in advance Randy K5UF Belmont Ms.

Date: Sun, 01 Aug 1999 18:02:29 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [46578] 2N22/40 Completed/Parts
Message-ID: <37A4EE25.7167@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just finished the 2N22/40 rig laying naked on the bench. I tried to put
power into the amp and couldn't get any power out. Not surprising when
the jumper from the driver stage to the amplifier stage was missing! Put
the jumper in and got 1.5 watts output into the 50 ohm load. Dialed the
power back to 1 watt because I hadn't bothered to get my matching network

on line.

The first station I heard was Bob N6WG. Gave him a call and he came right back with a 539 and a good keying report. Guess the 2 element 40 was working OK! Bob was running a K2 and it sounded nice too. Guess I should consider ordering one as everyone else is having so much fun.

I just have a few things to iron out. I am getting pickup from a 50KW AM station located about 3 miles away. Need to put the rig into a metal box. I had planned on using a plastic one!. The amplifier after the crystal filter is slightly unstable and I think also contributing to the AM station pickup.

Otherwise the rig was fun to build. Many thanks to Jim K8IQY for the design and the others that helped to publish the article in QRPP.

I have the following parts for sale:

- 1) 5 crystal set tested and selected by the author Jim K8IQY for \$10 postage included---exactly what I paid for them!
- 2) A limited quantity of 0.22uf ceramic bypass caps---25 for \$1 plus a 33 cent stamp for postage.

72

Elliott WA6TLA

Date: Sun, 1 Aug 1999 08:10:34 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu, elecrafft@qth.net
Subject: [46579] Finding the Sierra box pictures
Message-ID: <19990801.182908.4462.4.nilsbull@juno.com>

Gang,

Thanks to all who sent me a note about not being able to find the travelling radio box &c.

I just checked my pages & found that (a) my Geocities account seems to have suffered an aneurism, 'cause there ain't no index page. The hobby & radio pages exist, but no way to get to 'em. I'll have to investigatorize that one during the week.

However . . . The sierra box picture does exist at this URL

<http://www.fortunecity.com/victorian/mehetebell/94/sierrabx.jpg>

That's the picture. If you can't get it there, it's about halfway down the page at URL

<http://www.fortunecity.com/victorian/mehetebell/94/wb8ijn.html>

Let me know if this doesn't work. If it don't, I'm in deep dooduh & will have to figure out what's going on here. I parked all these pages some time ago & thought that they worked ok. Seems I was wrong, at least in one or two counts. So I guess it's time to go through the pages & clean up the act.

Now . . . I have to find the pages in Tok Pisin. Em i nidim mi i piksim biktain hariyap.

73

Nils

Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com
"In my day we had to FIGHT to have email! Every day was a struggle!"
-- Comrade Sergei Nikolaievich

McTovarishov

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 01 Aug 1999 19:31:36 -0600
From: Roy <marion@montana.com>
To: qrp-1@Lehigh.EDU
Subject: [46580] WTB: Tenc tec 208A audio filter
Message-ID: <199908020130.TAA20511@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

If some one has a Ten Tec model 208A that is excess to their needs, please email me direct with a price. TNX Roy AB7CE

Date: Sun, 01 Aug 1999 22:21:59 -0400
From: Pete Burbank <plburbank@kih.net>

To: <qrp-1@Lehigh.EDU>
Subject: [46581] Tex 5103N
Message-ID: <3.0.32.19990801222156.0068cdd0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dear Learned Gangue,
Is there a plug in module to feed the horizontal axis of a 5103 tek scope with audio freq info? In other words...to turn it into an audio spectrum analyzer.
I'm trying to refine some tuning techniques for free violin family plate tuning and would like to get more equipment together to do it properly.
If not , guess I can dummy up a F to V chip (here somewhere).
This is not exactly QRP but the rig is cooking on all the HF bands.
All donations of H-P 3580 family analyzers cheerfully accepted.
72/3/88 to all
Pete NV4V vvvvvvvvvvvvvvvv

Date: Sun, 1 Aug 1999 22:31:11 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [46582] electric fence poly wire for antennas??
Message-ID: <06ae01bedc8f\$174feaa0\$d5d01004@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just returned from vacation to a rural area of Michigan (I'm a city boy). While there, we visited a Quality Farm & Fleet store (which is a real neat place for a city boy -- lots of stuff there you don't see in the city stores) and I saw this electric fence poly wire, "a combination of weather resistant polyethylene and stainless steel wire". It's very lightweight, about \$20 for 820 feet. I thought it might be interesting for long wires or other QRP antenna applications where weight would be an issue. I couldn't get a confidence inspiring answer to my question as to whether the stainless steel provides continuity through the entire "wire" (which looks like string with hairs of steel wool in it).
Has anybody used this stuff? If so, how well does it work? What is the best way to connect it?
Thanks in advance.
Dave K8TRF

Date: Sun, 01 Aug 1999 19:13:47 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-1@Lehigh.EDU
Subject: [46583] 2N22/40 Parts
Message-ID: <37A4FEDB.5739@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The crystals are sold. Some 0.22 uf caps remain but they are going fast.

72
Elliott WA6TLA

Date: Sun, 1 Aug 1999 19:41:39 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: dodgeboy@mindspring.com
Cc: qrp-1@lehigh.edu (qrp)
Subject: [46584] Re: electric fence poly wire for antennas??
Message-ID: <199908020241.TAA29937@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Dave,

I have not used the stuff for an antenna, but have used it with a cattle controller to keep dogs in the back yard (email me privately if you want details of that story.) On the other hand, the stuff has to have continuity through the whole length in order to work as a fencer.

It should be worth a try.

cheers, Paul VE7CQK/email: paule@sfu.ca

>

> I just returned from vacation to a rural area of Michigan (I'm a city boy).
> While there, we visited a Quality Farm & Fleet store (which is a real neat
> place for a city boy -- lots of stuff there you don't see in the city
> stores) and I saw this electric fence poly wire, "a combination of weather
> resistant polyethylene and stainless steel wire". It's very lightweight,
> about \$20 for 820 feet. I thought it might be interesting for long wires or
> other QRP antenna applications where weight would be an issue. I couldn't

> get a confidence inspiring answer to my question as to whether the stainless
> steel provides continuity through the entire "wire" (which looks like string
> with hairs of steel wool in it).
> Has anybody used this stuff? If so, how well does it work? What is the
> best way to connect it?
> Thanks in advance.
> Dave K8TRF
>
>

Date: Sun, 1 Aug 1999 22:55:45 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46585] 2N2/40 DX QSOs
Message-ID: <000501bedc92\$84774ee0\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just signed off wioth RA6BE and then YW7C this evening--with my 2N2/40.

RA6BE has a 3 ele. yagi at 25 M. That helps him receive me. Hee. Hee.

Also had a nice QSO with Percy, KF2AT in NYC. He was using a 6-ft antenna in
his living room--held up with masking tape.

Anybody wanna try a clip-lead-to-clip-lead QSO?

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

Date: Sun, 1 Aug 1999 23:10:38 -0400
From: Barry J Minsky <w2bj@juno.com>
To: randyc@tsixroads.com
Cc: qrp-1@Lehigh.EDU
Subject: [46586] Re: electronic theory course
Message-ID: <19990801.231201.-136607.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

The web site is: www.etcourse.com

On Sun, 01 Aug 1999 19:56:24 -0500 randy cornelison

<randyc@tsixroads.com> writes:

> I saw a post within the last 2 days about a canadian tech school that
> has a course on electronics on cd or a course where you can get
> credits.
> I wrote the website down incorrectly or something...had no luck.
> Anybody
> still have this website?
> Thanks in advance Randy K5UF Belmont Ms.
>

72/73,

Barry J. Minsky, W2BJ

ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century
Club #569, Platinum #51, FISTS CW Club of Coastal Georgia, Knightlites,
Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723
Amateur Radio Missionary Service

Date: Sun, 01 Aug 1999 21:23:31 -0600

From: Jess Gypin <jessqrp@concentric.net>

To: qrp-l@lehigh.edu

Subject: [46587] QRP On A027

Message-ID: <3.0.3.32.19990801212331.006aee30@pop3.concentric.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi all,

Just a quick note to let you all know that working A027 is a kick! I picked up a new VX5R Yaesu (sold the DJ580 to a list member, it would be a fine A027 HT too :->) and have been working A027 with the VX5R and one of the Arrow Sat antennas. Mde my first "DX" contact today with Oregon and CA. Pretty cool! I am not sure how you could work it with just a rubber duck, for some reason even with my big telescoping duckie, I cannot hear it on either the DJ580 or the VX5R. On the beam, it is S3-5.

Works for me!

Jess AE0CW <><

Date: Sun, 1 Aug 1999 20:46:15 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <nwq-l@scn.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [46588] NWQ Newsletter Unveiled (again)
Message-ID: <002501bedc99\$9393da40\$82added1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello QRPers -

Did you remember to get on the air today for the SSB Sprint? I did, about two hours after it started (ha ha).
All of my contacts were on 20 meters...didn't hear a thing on 15 meters or 10. The persistence prize has to go to the only YL I heard on the band, W4EEX in Kentucky, who hung in with me to complete our contact.

Anyway, the reason for this post is to let you all know that I reorganized my web site, and have the "NWQ" Newsletter back to where it should have been in the first place. Thanks for the suggestions of all my friends who gently reminded me that my "new and improved" web page was a bit of a mess. Kindness is a trait of most QRPers. We only make angry comments to posts we disagree with when we do not follow the time-honored 24 hour rule.

I hope you like the changes.

CUL, Bill-N7MFB

View the newsletter at the web site listed below:
<http://www.willapabay.org/~bill>

Date: Sun, 1 Aug 1999 23:28:06 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: "QRP-L Distribute" <qrp-l@Lehigh.EDU>
Subject: [46589] Just Bragging...
Message-ID: <000701bedc9f\$6c0db120\$9037a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just broke a pileup for 9A9AA in Croatia on 20m on the second try. Even through all of the killerwatt stations, I'm sure all the skill was on his receiving end :-) It feels good when the DX replies to AA5TB/QRP while the big guns wait their turn. By the way, I didn't sign /QRP until my second reply to him.

If you haven't done so lately, give 20m a try. World wide QRP DX is the norm for the last few months!

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Mon, 2 Aug 1999 00:32:25 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [46590] Re: MFJ ANALYZER and DIP COILS
Message-ID: <6dd62327.24d67959@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Still getting offers on this MFJ unit.
SORRY GANG BUT IT WENT IN FIVE MINUTES AFTER THE POST
Thanks to all who responded
Bob
WA2HOQrp <tm>

Date: Sun, 1 Aug 1999 22:08:18 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@lehigh.edu>
Subject: [46591] Re: TiCK keyer info
Message-ID: <Pine.GS0.4.10.9908012205560.19866-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 31 Jul 1999, Bob Hightower wrote:

> Just a short note of clarification....there were 30...30...30...30 kits, so
> there are no more to be had. Brad and Gary dug out all they had and sent
> them, and all were snapped up quickly, and built.
>

Opps!

I stand corrected.....it was 30, not 50 that were in that
drawer!

But still a super gift!

Gee, did I ever tell you how much fun we all had at Ft. Tuthill?

: -)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 02 Aug 1999 01:49:40 EDT
From: Gerald T Kelley <n9fqf@juno.com>
To: randyc@tsixroads.com
Cc: qrp-l@Lehigh.EDU
Subject: [46592] Re: electronic theory course
Message-ID: <19990715.004004.4807.0.n9fqf@juno.com>

Randy

Address:
www.etcourse.com

Hope this helps

Jerry N9FQF
Indiana

+++++

On Sun, 01 Aug 1999 19:56:24 -0500 randy cornelison
<randyc@tsixroads.com> writes:
>I saw a post within the last 2 days about a canadian tech school that
>has a course on electronics on cd or a course where you can get

>credits.
>I wrote the website down incorrectly or something...had no luck.
>Anybody
>still have this website?
>Thanks in advance Randy K5UF Belmont Ms.
>

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 2 Aug 1999 02:15:11 -0400
From: "Al Gritzmacher" <ae2t@localnet.com>
To: qrp-l@Lehigh.EDU
Subject: [46593] Attention QRP Webmasters
Message-ID: <199908020615.CAA22377@mx2.localnet.com>

To: QRP-L
Subject: Attention QRP Webmasters

I've recently assumed the job of Ringmaster for AR-Ring, a webring devoted to Amateur Radio Web Pages. There are a number of such rings, but this is one of the older ones and we like to think the best-maintained one. (In fact, that's our motto.)

I know there are a lot of excellent webpages authored by people on this list. If you run a web page related to Amateur Radio, this is a good way to let people on other similar sites find you. Web rings are a fun way to find sites you might not otherwise find, too.

This ring has been limited to about 350 site, but I have recently opened it up for new sites to join. This may not last, though. If you have a web site and would like to participate in such a ring, even if you already belong to other rings, this is your chance. I'd like to see the overall quality of information be improved by adding some more QRP sites ;-)

I don't want to take up too much bandwidth on the list, so if you have any questions or comments make them direct to me. If you and your site would like to participate, or if you're just curious, stop by at <http://www.qsl.net/n5asd> and find out about it.

The amazing thing about QRP is not how many contacts are

made, but that they are made at all. Every QSO is a contradiction of conventional wisdom.

72,

Al Gritzmacher, AE2T

QRP-L #1664 QRP-ARCI #9837 K2 #274

ae2t@arrl.net

<http://members.localnet.com/~ae2t/>

QRP - If you don't try, you'll never know!

Date: Mon, 02 Aug 1999 00:24:39 PDT

From: "Leon Heller" <leon_heller@hotmail.com>

To: ianpurdie@integritynet.com.au, qrp-l@Lehigh.EDU

Subject: [46594] Re: Homebrew variable inductors

Message-ID: <19990802072440.62743.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

>I'm interested in any ideas for home brewing variable inductors (not as
>in "tuned transformer" and not as in "roller inductor").

>

>The type as in equivalent to variable capacitor for continuous tuning.

>

>I have a circuit (yet to build it) for a VFO where the tuning control is
>an "opposing voltage" but I'm more interested (at the moment) in one for
>RF filter. Some automobile radios were once tuned this way. BTW as
>always, Q degradation is a factor.

>

>Anyone fiddled with these?

The pre-synthesiser car radios used permeability tuning - basically a ferrite rod is moved in and out of the winding via a screw arrangement. Collins used to use this tuning method in one of their Rx's, many years ago. It worked very well.

73, Leon

Leon Heller, G1HSM

Tel: +44 (0)1327 357824

leon_heller@hotmail.com

<http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 2 Aug 1999 07:12:24 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: ausham@rocknet.net.au, qrp-1@Lehigh.EDU
Subject: [46595] Daniel, CONGRATULATIONS
Message-ID: <19990802.071231.-30533.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Welcome to both, a job well done!
Hope to QSO soon.

>I am Daniel Bartlett, VK4HDB, a 14 year old, Aust. Amateur Operator
>(Lic. 16th June, 1999). I have built a website, which you can find at
><http://www.qsl.net/vk4hdb/index.htm>
>Please visit it and sign the guestbook.
>
>73 & Best Regards
>Daniel Bartlett, VK4HDB
>ausham@rocknet.net.au
><http://www.qsl.net/vk4hdb/index.htm>

73,
John
N3AAZ
FM19xa

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 02 Aug 1999 12:02:22 GMT
From: hb9dnn@gmx.net (Robert M. Ganter)

To: qrp-1@lehigh.edu
Subject: [46596] Re: electric fence poly wire for antennas??
Message-ID: <37a8859e.345012171@scts98.ens.ascom.ch>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Sun, 1 Aug 1999 22:31:11 -0400, you wrote:

<< fence wire >>
> Has anybody used this stuff? If so, how well does it work? What is =
the
> best way to connect it?
> Thanks in advance.
> Dave K8TRF

I once tried that and made a multiband wire antenna using that kind of
wire. Result:
SWR 1:1 from (almost) DC to daylight
Radiation: towards zero.

I did not analyze the reasons in detail, but I assume, that the main
problem is the steel wire. The wire is very thin and because it is
made of steel has poor electrical characteristics on HF.
Titanex has a (rather expensive) litz wire made of copper coated steel
wire for exactly that reason.

73/72

Robert
--=20

Robert M. Ganter HB9DNN

Date: Mon, 02 Aug 1999 08:14:17 -0400
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: "'Artz, Mike'" <mikeartz@shentel.net>
Subject: [46597] Mil2000
Message-ID: <37A58B99.6ECD696C@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here's the last word on Y2K! Enjoy....

<http://teamhouse.tni.net/mil2000.htm>

Date: Mon, 2 Aug 1999 08:19:37 -0400
From: "curt" <k3ivb@stargate.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46598] FS: QRP Stn and other accessories
Message-ID: <002c01bedce1\$4ac61380\$ceb8a6d1@Curtk>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Oak Hills 400 Complete QRP station, 4 bander 20 30 40 80, comes complete with built in keyer, DD-1 digital readout, WM-2 qrp watt meter, 4 amp regulated PS, extra new spare parts like finals etc, all paper work. jpeg for SERIOUS inquires only please, package only. \$415 shipped 48

MFJ 969 300 watt roller tuner new condition with manual and original box. \$135 shipped 48

NIB and never used Schurr Profi Paddle, jpeg for SERIOUS inquires only please.
\$210 shipped 48

Thanks for time and bandwidth
curt
k3ivb
qrp-1 #433

Date: Mon, 02 Aug 1999 07:45:56 -0500
From: "Joel Frederick Kluender" <nf9k@eudoramail.com>
To: qrp-1@lehigh.edu
Subject: [46599] Balun Help Requested
Message-ID: <NKPNDPKMECDBKAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All,

I'm trying to build a 1:1 current balun using a T200-2 core. I've been told that the ARRL Antenna Book has a design for that core, but I'm apparently looking in the wrong place or have the wrong year of manual. My manual only discusses ferrite cores.

Could anyone with experience in this area please send me info on the proper number of windings for such a beast? I'm looking to put this on a 20-meter-only antenna. From the ARRL manual I have, I am familiar with the basic configurations of the different baluns, I just need a good guideline for number of windings.

Thanks for the input. Please e-mail me directly so we don't clutter the list.

Thanks,
Joel NF9K

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Mon, 02 Aug 1999 08:50:32 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [46600] Re: electric fence poly wire for antennas??
Message-ID: <19990802.025441.5391.0.kh6b@juno.com>

Dave and group,

Instead of the stainless steel wire, you would be happier with #14 solid copper with plastic jacket. Try Ace Hardware, local electrical supply house. A 500 ft reel is resonably priced for many antenna projects.

Dean KH6B
Hilo Hawaii

> Has anybody used this stuff? If so, how well does it work? What is
the
> best way to connect it?
> Thanks in advance.
> Dave K8TRF

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 2 Aug 1999 09:43:21 -0400
From: "Armin Hachmer" <armin@muskoka.com>
To: <qrp-1@Lehigh.EDU>
Subject: [46601] OT test do not read
Message-ID: <003d01bedced\$db752540\$cfa4d4c7@muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

august 2

Date: Mon, 2 Aug 1999 08:54:51 -0500 (GMT+5)
From: wd9eyb@butler.indiana.net
To: qrp-1@lehigh.edu (QRP List)
Subject: [46602] PSK31 with QRP Rig
Message-ID: <199908021355.IAA09299@butler.indiana.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Using a QRP rig for PSK31 sounds interesting.
Others have raised questions about frequency stability and duty cycle.
I suppose you could adjust the power out so you don't melt the final.
One of the new DSW rigs probably has good enough stability.
Modulating the transmitter is a bit of a challenge.
If you can get a digital signal from the computer, you could add a PSK
modulator to the transmitter.
If you can only get audio from the computer, you could add a DSB modulator
to the transmitter.
One kludge that might work would be to demodulate the computer audio and
apply the resulting digital signal to a PSK modulator added to the transmitter.
I don't think it would be too hard to add a PSK modulator to the transmitter.
Maybe the software already has a digital output or maybe one can be easily
added.

Jim, WD9EYB

Date: Mon, 2 Aug 1999 10:14:30 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46603] Re: PSK31 with QRP Rig
Message-ID: <005001bedcf1\$5747b9a0\$d01105d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jim,

> If you can only get audio from the computer, you could add a DSB modulator

This idea crossed my mind sometime ago, when the first messages about using a CW kit for RTTY came up. But for PSK31 I wonder if it would be legal. And what about the carrier supression, it would have to be high, I guess. If not, why not AM?

73 de Vince, VE3VFN.
www.qrp.freesevers.com

Date: Mon, 02 Aug 1999 09:51:48 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: wd9eyb@butler.indiana.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46604] Re: PSK31 with QRP Rig
Message-ID: <37A5B084.99A56502@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Actually, Jim, I would think that it would be next to impossible to drive the transmitter with anything other than the audio signal from the soundcard. The program does magic things to the switching waveforms (cosine shaping, etc) in order to maintain a 31.5 baud data rate within a

31.5 Hz bandwidth. Simple switching - as with a square wave - just won't work. It is quite unlike RTTY in which an FSK rig can be driven with the switching output of a computer, etc.

I think that the only workable scheme is what the program designer, Peter - G3PLX, implemented: SSB modulation of the transmitter. Either sideband can be used; I receive in CW mode in order to use my CW filters in my IC-765 and transmit on LSB. Most PSK31 stations use USB which is the international standard.

Duty cycle is something to contend with since the rig is continuously keyed, sending out a two-tone IDLE signal in the absence of keyboard input. In that respect it is identical to RTTY.

I have been assured that the K2 will have excellent PSK31 characteristics when the SSB feature is implemented, but output power must be cut in half. They were in preliminary testing months ago when PSK31 first came out.

PSK31 and QRP are blood brothers and have a great future together. I know well the thrill of copying a CW signal so far in the noise that you have to imagine that you are hearing it. PSK31 can give near 100% print of signals that are totally inaudible and barely make a showing on the tuning indicator. It is that good . . .

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

wd9eyb@butler.indiana.net wrote:

>

> Using a QRP rig for PSK31 sounds interesting.

Date: Mon, 02 Aug 1999 10:52:33 -0400
From: Ted Beach <k4mkx@netzero.net>
To: vferme@sprint.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46605] Re: PSK31 with QRP Rig
Message-ID: <37A5B0B1.90701A15@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Vincent Ferme wrote:

>
> Hi Jim,
>
> > If you can only get audio from the computer, you could add a DSB modulator
>
> This idea crossed my mind sometime ago, when the first messages about using
> a CW kit for RTTY came up. But for PSK31 I wonder if it would be legal. And
> what about the carrier suppression, it would have to be high, I guess. If
> not, why not AM?
>
> 73 de Vince, VE3VFN.
> www.qrp.freesevers.com

I believe that if you check out the PSK31 web pages you will find that the largest part of the signal processing takes place in the sound card of the computer, and you will need a REAL SSB transmitter in order to send. Receiving should probably work well as others have noted if the tuning rate is good enough.

Ted Beach

NetZero - We believe in a FREE Internet. Shouldn't you?
Get your FREE Internet Access and Email at
<http://www.netzero.net/download/index.html>

Date: Mon, 02 Aug 1999 10:04:44 -0500
From: Jeff Gold <JGold@tntech.edu>
To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [46606] New LDG Digital Wattmeter at First Glance
Message-ID: <004e01bedcf8\$5b1bc7e0\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

All,

Well got a present in the mail. It is the new LDG Digital Wattmeter with one HF sensor and one VHF Sensor. Didn't have all that much time, but took everything out of the box and sorted parts and put a few parts on the board.

Observations:

1) AWESOME!!!!!!!!!!!!!! Boy have kits some a long way in the last few years.

2) Everything about the kit is absolutely top quality, and boy do I mean top!!! The board is fantastic, clear silk screen, plated through and the bottom is really well solder masked. Only a little area to solder. It would be hard to get a solder bridge.

The board is VERY easy to solder and the connections are really solid with minimal effort.

3) The directions are really easy to follow and clear.

4) the digital display comes pre-assembled.

Can't wait to get back to this. I believe the LDG company has come up with another real winner.

Jeff, AC4HF

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
Information Technology Services

Date: Mon, 02 Aug 1999 11:35:43 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [46607] Missing NC-20 text files
Message-ID: <19990802.153052.9919.6.n4so@juno.com>

I missed all the notes or hints and kinks related to the NC20 .
Does anyone have all the NC-20 messages compiled into a single saved text file?

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-1 #622
n4so@juno.com

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 2 Aug 1999 11:37:01 EDT
From: Bagswereus@aol.com
To: qrp-1@lehigh.edu
Subject: [46608] Emtech Help!
Message-ID: <ac301364.24d7151d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Looked at the Emtech web site...called the phone number...
Emtech was shut off 3 months ago...
Does anyone have a good phone number so I can order an EM2 tuner...
Thanks guys
Phil KF6CRQ

Date: Mon, 2 Aug 1999 10:14:16 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <ianpurdie@integritynet.com.au>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46609] Re: Homebrew variable inductors
Message-ID: <007801bedcfd\$96462a90\$c967d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Ian C. Purdie VK2TIP <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Sunday, August 01, 1999 5:37 PM
Subject: Homebrew variable inductors

>Gang,

>

>I'm interested in any ideas for home brewing variable inductors (not as
>in "tuned transformer" and not as in "roller inductor").

>

>The type as in equivalent to variable capacitor for continuous tuning.

Here's what I would "try," Ian. Get a piece of PVC and wind your coil around it. Seal it up with some nail polish. Find a small bolt, and glue a piece of ferrite rod (from a BCB radio) and glue it to the end with some JB Weld. Put a PVC cap on one end, and tap it for the bolt thread. Attach the other end of the bolt to a vernier reduction drive. Whatcha' think Ian/Gang?

Don't know if this is what you are looking for, but it should be a fun experiment. :^)

72/73,

Randy Jouett, AB5NI

Date: Mon, 02 Aug 1999 18:44:12 +0300
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [46610] untuned power transformers for 10 m?
Message-ID: <37A5BCCC.3F0@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

Did some experimenting - some might say I made attempts to destroy a working rig - with the output transformer in my GM-10. This is a little 10 m kit that was produced by Small Wonder Labs (NN1G).

Originally the TX has been specified as having ca. 1,5 W output. I wanted to try for more output. The PA device was replaced with a 2SC1947 and the collector choke with a 1:1 transformer to step the design impedance of 12,5 Ohm for higher o/p power up to 50 Ohm. I did some other stuff, too, but no details here.

Just that I added separate ferrite beads (ca. 100 and 500 Ohm at 28 MHz) and extra bypass caps in the DC power supply lines for the PA device and the rest of the TX (driver stages). The ferrite beads are good for stability.

Then I had the bright idea of measuring the input impedance of some bare

transformers loaded with just a small 50 Ohm resistor on the secondary side using my RF Analyst RF-1 by Autek.

Results were in accordance with theory in the range of ca. 7 to 14 MHz, i.e. impedance was in the range 12-15 Ohm. However for all cores and winding styles tested the input impedance (as to be seen by the collector of the PA) approached 30 Ohm at 28 MHz!

Ferrite used was Amidon #43 ($\mu=850$) and a Philips ferrite toroid with a μ and form similar to Amidon FT37-61 ($\mu=120$). #43 is generally advocated for use in broadband transformers at HF, but I remember #61 should be OK, too.

Anybody have similar experience with a measurement / setup like this?

What would be the best choice for the o/p transformer core material, form and winding style in a 10 M PA?

One of the cores I tried was a middle sized binocular core (#43) with just 1+1 turn (1 turn = both holes) and that worked out best in practice, i.e. in the TX.

The output power measurements I did are not very conclusive, because I use alternative methods (OHR WM-2, RF probe on dummy, Diamond SX-200) and they never agree. DC input to the rig is about 800 mA at 12 V. Output 3 (WM-2)... 4,5 W (probe, SX-200). Efficiency estimates vary accordingly

BTW. Activity on 10 M CW has been very low for many months, I think.

73,

--

Arjen Raateland
Finnish Environment Institute
SAS Support
phone +358 9 4030 0350

Date: Mon, 2 Aug 1999 17:53:59 +0200
From: "Hans Sundstrom" <hans.sundstrom@telia.com>
To: <Bagswereus@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46611] SV: Emtech Help!
Message-ID: <199908021553.RAA17359@d1o22.telia.com>

I don't know about the phone number, but I have had no problems reaching Emtech by e-mail:

emtech@steadynet.com

Nice and good service by Scott Gregson at least my experience...

73

Hans / SM44ATJ

-----Ursprungligt meddelande-----

Fr n: Bagswereus@aol.com <Bagswereus@aol.com>

Till: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Datum: den 2 augusti 1999 17:38

mne: Emtech Help!

>Looked at the Emtech web site...called the phone number...

>Emtech was shut off 3 months ago...

>Does anyone have a good phone number so I can order an EM2 tuner...

>Thanks guys

>Phil KF6CRQ

>

Date: Mon, 02 Aug 1999 09:04:38 -0700

From: Andy Fox <foxes@theriver.com>

To: Bagswereus@aol.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [46612] Re: Emtech Help!

Message-ID: <37A5C196.70BE3555@theriver.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi Phil,

Try <http://emtech.steadynet.com/>

There's got to be a phone number in there somewhere.

--

Andy Fox - KK7HV - Tucson, AZ USA - DM42 - QRP-L #1286

Date: Mon, 2 Aug 1999 12:07:12 EDT
From: Bagswereus@aol.com
To: qrp-l@lehigh.edu
Subject: [46613] Out to Africa...
Message-ID: <d86311ed.24d71c30@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Date: Mon, 2 Aug 1999 12:17:50 EDT
From: Bagswereus@aol.com
To: qrp-l@lehigh.edu
Subject: [46614] What do I need to work 40 meters in S.A.?
Message-ID: <27b7aef0.24d71eae@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I will be going to South Africa at the end of Aug. 99...(RC Soaring World Cup) and I want to do a bit of CW song and dance while in country...
Sooo do we have a third party agreement with those guys?
Is 7.040 OK to use? Will the local police take me away???
Phil AKA Bozo (from the soaring list server)
Bozo is a good name for me..
So maybe I'll just sign...
QRP Bozo
Being a Bozo allows me to have plenty of personal latitude to make endless mistakes and fopaws without any responsibility what so ever...

Date: Mon, 2 Aug 1999 09:23:28 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [46615] Milliwatt Worked All States progress rpt
Message-ID: <19990802162328.1540.rocketmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Its been slow going recently trying to work all the states with mW.

But a little bit of progress is better than none, so my efforts are at least headed in the right direction. Really poor conditions here in the recent QRP contests, and overloaded work wise dont help in hobby persuits. Well enuf excuses already, heres my latest score.

I have now worked 42 states, and collected 31 QSL cards. Still need to work 8 states, IA, KS, KY, ME, MS, NE, OK, WY.

My total power used on 42 states is 1.302 watts, or 0.031w per QSO average. If I'm going to have a chance of getting all 50 with under 1w I'm going to have to bring down the wattage on several states.

For example, I spent too much power on the following states. AR 50mW, CT 45mW, MA 50mW, MI 70mW, ND 90mW, OH 45mW, RI 100mW, SD 70mW, TX 50mW, VT 50mW, & WV 50mW.

I should be able to bring down the 50mW I used on my home state AR, & theres a whole lot of great QRP'ers in MI so that 70mW should come down.

Same thing with OH 45mW & TX 50mW, lots of good QRP folks there so that should come down.

CT, MA, VT & WV should come down in time.

My biggest power drainage is RI, ND, and SD. But if I can knock 50mW off each of them, and bring MI down then I will be getting close to my goal.

All 50 states under 1 watt is .020mW per state. So it would be nice to get some better condx. Hopefully this fall we will see much better HF bands.

On the other end I'm pretty happy with the following states. CA 9mW, GA 3mW, IL 17mW, MD 11mW, NC 11mW, NV 9mW, NY 18mW, OR 8mW, PA 18mW, and VA 17mW.

If I can just get the QSL's back! ;-)

No matter if its 5w QRP or 50mW QRPP, try the lowest pwr that can make the QSO.

At 5 watts there are ops who just dont want to answer you because your in the mud.

And sometimes 5w can sound like 100w.

Its the same thing with milliwatts. When all condx are

lined up right and the path is working its time for milliwatts. And if mW are working, then its time to try "low down milliwatts".

Just follow the band condx and nobody has to strain too hard with QRP or QRPP.

Have fun, Jim KJ5TF

Do You Yahoo!?

Free instant messaging and more at <http://messenger.yahoo.com>

Date: Mon, 02 Aug 1999 09:10:46 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-1@Lehigh.EDU
Subject: [46616] 2N22/40 Parts
Message-ID: <37A5C306.E0D@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The 0.22uf caps are ALL spoken for! Thanks to all for the response.

72
Elliott WA6TLA

Date: Mon, 2 Aug 1999 10:40:30 -0600
From: "Carl Zmola" <zmola@campbellsci.com>
To: qrp-1@lehigh.edu
Subject: [46617] Re: Tech America Soldering Station
Message-ID: <19990802163722273.AAA238@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

jzaruba@snip.net wrote:

> Tech America has a digital soldering station on sale for half price.

>

> Anyone have any experiences with this unit?

No but I want to know too. Last month they had a weller wcc100 for \$88, and I tried to order one, but they were out of stock and couldn't back order. :-(

The digital station looks nice, does anyone know if the tips are a standard weller or if they are available elsewhere. I'm just affraid of buying a station only to find it useless without tips.

Carl

Carl

zmola@campbellsci.com

Date: Mon, 2 Aug 1999 12:34:19 EDT
From: GElam30092@aol.com
To: Bagswereus@aol.com, qrp-1@lehigh.edu
Subject: [46618] Re: What do I need to work 40 meters in S.A.?
Message-ID: <9fcce212.24d7228b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 8/2/1999 9:19:41 AM US Mountain Standard Time, Bagswereus@aol.com writes:

<< I will be going to South Africa at the end of Aug. 99...(RC Soaring World Cup) and I want to do a bit of CW song and dance while in country...
Sooo do we have a third party agreement with those guys?
Is 7.040 OK to use? Will the local police take me away??? >>

Check <http://www.arrl.org/field/regulations/io/recipe.html>

Have fun.....
Gerry Elam
PHX AZ

Date: Mon, 2 Aug 1999 09:36:37 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Cc: vole@primenet.com

Subject: [46619] Proposed New Date for QRP ARCI Fall QSO Party
Message-ID: <199908021636.JAA29611@usr08.primenet.com>

blink blink

Bright lights y'all got up here in the outside world.

Surfacing long enough to ask for your help. Having the QRP ARCI Fall QSO Party on the same weekend as Pacificon prevents a whole herd of QRPers from operating the contest, or at least really cuts down the hours they're able to participate.

So as one of my final parting acts, I'd like to move the Fall QSO Party to always be the weekend *after* Pacificon. For 1999 that would mean Oct. 23-24 for the Fall QSO Party (Pacificon '99 is Oct. 15-17).

I've checked the larger contest calendars and that weekend looks perfect, but then I realized I should run it by the collective minds of QRP-L, to ensure I didn't miss something.

Please respond DIRECTLY TO ME <vole@primenet.com> if you want me to see it.

Please note that I'm *NOT* looking for input like, "That's my fishing weekend" or "The big football game is on." ;-)
I simply don't want to find out that we've ended up in the middle of the KW RTTY Splatter Mode Marathon. :)

Thanks for your help. I can't promise I'll be able to reply quickly, but I *will* read and appreciate everyone's input. And hopefully this new schedule will allow a fullblown QSO battle between KU7Y, K5F0/?, N7IR and N4BP. :)

Again, I'm looking for serious schedule collisions only.

Time to scurry back to the Data Mines....

Thanks again gang.

Cheers de AB7TT,

-Joe, vole@primenet.com, ARCI Contest Critter-At-Large

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 2 Aug 1999 09:45:46 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'QRP-1 List Server'" <qrp-1@Lehigh.edu>
Subject: [46620] FS: GM-17 Kit..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE02C6@hq-expo2.filenet.com>

Small Wonder Labs Green Mountain 17 QRP transciever kit (unbuilt, of course). I am trying to get around to an OHR-500 kit that has lain dormain too long. I also have two of the Small Wonder 'Freq. Mite' frequency annunciators kits. the original price for these were \$70 and \$20, respectively. I'll accept \$70 and \$15 and will bear the shipping.

..or, what would you like to swap?

Date: Mon, 2 Aug 1999 09:53:20 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [46621] ... And Ft. Tuthill was GREAT!
Message-ID: <199908021653.JAA00239@usr08.primenet.com>

Howdy again,

Just wanted to say one more thing:

Was GREAT to be at Ft. Tuthill, visit friends again, and get on the air! Man, forgotten how much I missed that.

Many thanks to my fellow ScQRPions for all their work, to everyone that showed up for the fun and supported the ScQRPions (too many to mention, and I'd accidentally leave a few out and feel like a slug...), and to the wx for cooperating. Well, at least until Kent and I got pounded by an angry thunderstorm during the Bumblebee Sprint. :)

The highlight of my summer. That and tracking down the !^#!\$^%! RLE-data format bug last night that had been killing my code for two weeks. :-)

PS- Thanks again for the new toy Niel! Hope to use it this weekend!

Cheers de AB7TT,

-Joe, vole@primenet.com, Naked Mole-Rat Software

"Some people may think I'm overprepared, paranoid, and maybe even crazy.
But they've never met a pre-Cambrian life form." -- Tremors II

Date: Mon, 2 Aug 1999 10:03:02 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'QRP-1 List Server'" <qrp-1@Lehigh.edu>
Subject: [46622] Re: Musicians,cw etc.
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE02C8@hq-expo2.filenet.com>

Serio..

It's *their* loss. I know a crock-pot of musicians here in L.A. who are hams. By the way, I here are a few famous musicians:

K0WHY	Tex Beneke, band leader
WB4KCG	Ronnie Milsap, singer
WB6ACU	Joe Walsh, singer
K0HWY	Tex Beneke, band leader
KA6HVK	Burl Ives, Singer
KA7EVD	Donny Osmond, entertainer
KD4WUJ	Patty Loveless, alias Patty L. Ramey, country singer
KD60Y	Garry Shandling, comedian
KN4UB	Larry Junstrom, Rock Musician
W6UK	Alvino Rey, musician
WA2MKI	Larry Ferrari, organ player
WA4CZD	Chet Atkins, guitar player
WB4KCG	Ronnie Milsap, singer
WB4KVB	Paul Yandell, musician
WB6ACU	Joe Walsh, singer
WB6RER	Andy Devine, actor (SK)
WN6RNR	Priscilla Paris of the Paris Sisters, "I Love How You Love Me"

I have heard that Jon Bon Jovi(?) was/is a ham but cannot confirm it. If they don't get stoked (L.A. surfing term) about the people above, tell them to look at the following URL for *other* famous hams:

http://www.users.cts.com/sd/g/golson/notable_hams.html

Date: Mon, 02 Aug 1999 13:24:14 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-1@lehigh.edu
Subject: [46623] Re: DK9SQ Fiberglass Telescoping Tower
Message-ID: <37A5D43E.1E7@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

w4du@bellsouth.net wrote:

> I used the Dk9SQ mast and add on loop antenna at the beach last month.
> I used my K2 at 4 watts and a ZM-2. The loop tuned well on all bands.
> I worked europe nightly on 40 and was able to work all over USA, Europe
> and into Indonesia on 18 mhz. I also used it to support an inverted Vee
> fed with ladder line with very good results. It does go up very
> quickly and packages into an easily carried array.

Let me echo the sentiment; on my recent trip to AZ, I brought my DK9SQ mast with me on the airplane (as carry on, this time; next time I will make up a PVC pipe tube), and used it to hold a 40 meter inverted Vee dipole at the campsite near Williams, AZ. I found a 10-foot tree, taped my center insulator to the top of the mast, extended the mast to 33 feet, propped a rock at the base and did a quick tie to the tree at about the 4-foot level. Let me tell you how nice it was to have put my antenna 33 feet up in under 5 minutes! I usually manage to get one up in the trees about 20 feet in the air or so, but that extra 13 feet made a big difference. There were thunderstorms about, so I took the antenna down each night after I was done, and put it up the next evening, just as fast.

I don't know HOW I lived without one all these years. :-)

73,
Ed Hare, W1RFI

Date: Mon, 2 Aug 1999 10:39:44 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>
Subject: [46624] UTC/GMT info
Message-ID: <Pine.GS0.4.10.9908021037260.23565-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here is a little info from the WWV home page:

UT1 Time Corrections

The UTC time scale broadcast by WWV and WWVH meets the needs of most users. UTC runs at an almost perfectly constant rate, since its rate is based on cesium atomic frequency standards. Somewhat surprisingly, some users need time less stable than UTC but related to the rotation of the Earth. Applications such as celestial navigation, satellite observations of the Earth, and some types of surveying require time referenced to the rotational position of the Earth. These users rely on the UT1 time scale. UT1 is derived by astronomers who monitor the speed of the Earth's rotation.

You can obtain UT1 time by applying a correction to the UTC time signals broadcast from WWV and WWVH. UT1 time corrections are included in the WWV and WWVH broadcasts at two levels of accuracy. First, for those users only needing UT1 to within 1s, occasional corrections of exactly 1 s are inserted into the UTC time scale. These corrections, called leap seconds, keep UTC within +0.9 s of UT1. Leap seconds are coordinated under international agreement by the International Earth Rotation Service in Paris, France. Leap seconds can be either positive or negative, but so far, only positive leap seconds have been needed. A positive leap second is normally added every 1 or 2 years, usually on June 30 or December 31.

There is much more to be learned about time at this site:

<http://www.bldrdoc.gov/timefreq/wwv/>

Enjoy,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 02 Aug 1999 12:42:22 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: Bagswereus@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46625] Re: What do I need to work 40 meters in S.A.?
Message-ID: <37A5D87E.8AF35EF2@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bagswereus@aol.com wrote:

>
> I will be going to South Africa at the end of Aug. 99...(RC Soaring World
> Cup) and I want to do a bit of CW song and dance while in country...
> Sooo do we have a third party agreement with those guys?
> Is 7.040 OK to use? Will the local police take me away???
> Phil AKA Bozo (from the soaring list server)
> Bozo is a good name for me..
> So maybe I'll just sign...
> QRP Bozo
> Being a Bozo allows me to have plenty of personal latitude to make endless
> mistakes and fopaws without any responsibility what so ever...

RTTy operation is possible between 7035 and 7040 in that part of world.
SSB will likely begin about 7050. You might want to make sure that your
rig has the ability to qsy down the band from 7040 if need be. 40 meter
band in that part of world is only 100 khz wide for cw/rtty/ssb
combined.

Have fun and gl
de Dave, N0IT

Date: Mon, 2 Aug 1999 12:55:42 -0600
From: "Carl Zmola" <zmola@campbellsci.com>
To: qrp-1@lehigh.edu
Subject: [46626] Re: 2N2/40 Mea culpa!
Message-ID: <19990802185234638.AAA275@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Alex wrote:

> Here s more info and insight on the 2N2/40 since my posting last week -and a

> much-needed correction.

It is nice to see someone going in to understand a rig. Mistakes will be made, but that is how you learn.

Tnx for the post Alex. It gives me some inspiration to do more than blindly follow the kits.

Carl
AC7BB

Carl
zmola@campbellsci.com

Date: Mon, 2 Aug 1999 12:02:55 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: Bagswereus@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46627] Re: What do I need to work 40 meters in S.A.?
Message-ID: <19990802120255.A22087@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

See <http://www.sarl.org/za/guest.htm>

This site indicates that South Africa is now part of CEPT, as is the U.S. This may mean you won't need a reciprocal license (disclaimer: I am not a lawyer, nor do I portray one on T.V.) You should probably check with the ARRL to be sure.

Bob

On Mon, Aug 02, 1999 at 12:17:50PM -0400, Bagswereus@aol.com wrote:
> I will be going to South Africa at the end of Aug. 99...(RC Soaring World Cup) and I want to do a bit of CW song and dance while in country...
> Sooo do we have a third party agreement with those guys?
> Is 7.040 OK to use? Will the local police take me away???
> Phil AKA Bozo (from the soaring list server)
> Bozo is a good name for me..
> So maybe I'll just sign...
> QRP Bozo
> Being a Bozo allows me to have plenty of personal latitude to make endless
> mistakes and fopaws without any responsibility what so ever...

--

Bob Nielsen

Internet: nielsen@primenet.com

Tucson, AZ
DM42nh

AMPRnet: w6swe@w6swe.ampr.org
<http://www.primenet.com/~nielsen>

Date: Mon, 2 Aug 1999 12:38:19 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <Arjen.Raateland@vyh.fi>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46628] Re: untuned power transformers for 10 m?
Message-ID: <003301bedd1e\$942bac00\$13424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Arjen,

How many turns did you use on the toroidal transformers??
It sounds
like you might be getting near resonance.

> One of the cores I tried was a middle sized binocular core
(#43) with
> just 1+1 turn (1 turn = both holes) and that worked out
best in
> practice, i.e. in the TX.

It's often surprising how few turns you need on a ferrite
core. The
binocular core sounds like its working O.K.

>
> The output power measurements I did are not very
conclusive, because I
> use alternative methods (OHR WM-2, RF probe on dummy,
Diamond SX-200)
> and they never agree. DC input to the rig is about 800 mA
at 12 V.
> Output 3 (WM-2)... 4,5 W (probe, SX-200). Efficiency
estimates vary
> accordingly

Maybe a little low. Like you say, it's hard to tell with
the tools
we have at home.

73,

John, K6QQ
Alturas, CA, corner of 299 & 395.

Date: Mon, 2 Aug 1999 16:19:54 EDT
From: RobCap@aol.com
To: qrp-l@lehigh.edu, HEATH@listserv.tempe.gov
Cc: W2HD@juno.com
Subject: [46629] For Sale
Message-ID: <f05c58e2.24d7576a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All:

I'm listing for sale an OHR-400 four band transceiver along with matching DD-1 digital dial for a friend of mine who is not on the QRP-L or Heath reflectors. The pair was built by an excellent kit builder, and is in beautiful condition. The unit has several nice features, including a KC-1 internal keyer/frequency counter, and an internal 4-inch speaker. Harry has upgraded to an Elecraft K2, so no longer needs the OHR-400, but we fired it up today, and it works great.

The units originally sold for \$450 (\$350 OHR-400, \$70 DD-1, \$30 KC-1), and is being offered for \$325, which includes UPS ground shipping in the lower 48, along with insurance.

If interested, please contact Harry Dannals, W2HD at (804) 974-7388, or write "W2HD@juno.com".

73,

Rob, W3DX

Date: Mon, 2 Aug 1999 22:27:43 +0200
From: hw.merz@t-online.de (Hanns W. Merz)
To: qrp-l@lehigh.edu
Subject: [46630] best kit I ever built
Message-ID: <m11B0gR-0003uXC@fwd10.btx.dtag.de>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT
Content-Transfer-Encoding: 8BIT

Hi folks,

Just to say that I think the elecraft's K2 is the best kit/rig I ever built.

Great kit, great manual, great design! Although I have heard many good things about it before I got it, I must say that I was surprised by that quality. No missing parts, all fits and functions.

Although it's rather expensive in Germany it is worth the money. (Sold other rigs to get it)

I got the kit on July 26 and worked every evening for several hours. Yesterday I got it on the air! Much fun. May be that's the zenith of my ham life.

The elecraft folks did really a great job. Especially the design (N6KR) of this real and almost perfect QRP rig is ingenious! Many clever features.

What I have built since I'm a radio amateur (only the important projects):

Heathkit DX 60B with VFO (1972)
Heathkit HW32 (1974)
Heathkit HW101 (1976)

Lake Electronics DTR 7-5

Wilderness NorCal 40A
Wilderness Sierra
Wilderness SST 20

Small Wonder Labs Green Mountain 20
small Wonder Labs White Mountain 20

All good rigs, I love them all. The Sierra and K2 are my favourite!

72
Hanns DK9NL
Proud owner of K2 #00291

Date: Mon, 2 Aug 1999 13:37:56 -0700 (PDT)
From: Jim Durkin <jimdurkin@yahoo.com>

To: w1rfi@arrl.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46631] Re: DK9SQ Fiberglass Telescoping Tower
Message-ID: <19990802203756.27868.rocketmail@web307.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Ed,
Could you tell me where to get a DK9SQ or more information on it?
Thanks,
73
Jim
KT4A

--- "Ed Hare, W1RFI" <w1rfi@arrl.net> wrote:
> w4du@bellsouth.net wrote:
>
> > I used the Dk9SQ mast and add on loop antenna at
> the beach last month.
> > I used my K2 at 4 watts and a ZM-2. The loop
> tuned well on all bands.
> > I worked europe nightly on 40 and was able to work
> all over USA, Europe
> > and into Indonesia on 18 mhz. I also used it to
> support an inverted Vee
> > fed with ladder line with very good results. It
> does go up very
> > quickly and packages into an easily carried array.
>
> Let me echo the sentiment; on my recent trip to AZ,
> I brought my DK9SQ
> mast with me on the airplane (as carry on, this
> time; next time I will
> make up a PVC pipe tube), and used it to hold a 40
> meter inverted Vee
> dipole at the campsite near Williams, AZ. I found a
> 10-foot tree, taped
> my center insulator to the top of the mast, extended
> the mast to 33
> feet, propped a rock at the base and did a quick tie
> to the tree at
> about the 4-foot level. Let me tell you how nice it
> was to have put my
> antenna 33 feet up in under 5 minutes! I usually
> manage to get one up
> in the trees about 20 feet in the air or so, but
> that extra 13 feet
> made a big difference. There were thunderstorms
> about, so I took the

> antenna down each night after I was done, and put it
> up the next
> evening, just as fast.
>
> I don't know HOW I lived without one all these
> years. :-)
>
> 73,
> Ed Hare, W1RFI
>
>

Do You Yahoo!?

Free instant messaging and more at <http://messenger.yahoo.com>

Date: Mon, 02 Aug 1999 17:56:19 -0300
From: Dave Marling <dbm@klis.com>
To: dodgeboy@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46632] Re: electric fence poly wire for antennas??
Message-ID: <37A605F3.6C82C56F@klis.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I use this same material not only for the electric fence to keep deer out of the garden but also for the 160 mtr. size all-band loop. Until a couple of weeks ago I fed it (the loop) with 50 ohm coax and a 4:1 balun. Just changed to 450 open wire and tuner to replace the coax.

Very light weight. Has been up for several years and never a problem with breakage due to wind. Not sure what power level it will take but it has survived a regular Sat. morning net for the last couple of years at the kilowatt level.

Since you can't solder to the stuff, all connections have to be mechanical. For that I use stainless steel 8-32 hardware. If anyone wants, I can take a picture or two of the feed point and the exterior station end and post them on my web space.

73,
Dave
VE1VQ

Date: Mon, 02 Aug 1999 17:22:14 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-1@lehigh.edu
Subject: [46633] Re: DK9SQ Fiberglass Telescoping Tower
Message-ID: <37A60C06.1445@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Durkin wrote:

> Could you tell me where to get a DK9SQ or more information on it?

The US Distributor is:

Walter Kern -- Advivum
5825 Lengwood Drive
Cincinnati, OH 45244
advivum@fuse.net
Tel (513) 231-7018

I called and placed a credit card order. The price is \$99 plus \$9.00 S&H; it was sent by US Postal and arrived in 4 days. This is apparently a home phone number; he answered, "Hello," but it is a legit operation.

DK9SQ also sells direct:

Walter Speith, DK9SQ
Tiergarten 26
D-73061 Ebersbach, Germany
Tel: 0049 7163 5968

The URL for info is <http://www.qsl.net/dk9sq>

73,
Ed Hare, W1RFI

Date: Mon, 02 Aug 1999 14:40:33 -0700
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [46634] Back from Yosemite.

Message-ID: <37A61051.1B37@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang. Since Allan/K7GT will be writing up the trip report, I'll not go too far with this one.

Basically a fabulous trip and great opportunity to really live and breathe QRP out in the wilds.

Except for having to return early due to Allan having a hiking equipment failure, we got most of our goals satisfied and were pretty much ready for home anyway.

My bumblebee location was chosen for view instead of QSO rate. At 7800 feet up on a smooth granite rock covered peak, I found only one usable tree. So I pulled the 20 foot Trusty Black Widow pole out of my pack and set up a inverted vee right there on the heavily sloped rockface. Years of water pooling in the rock had cut out an excellent operating hole. It had a hefty layer of sand and made a great bed to lie in while operating the contest. I got plenty of sun while up on that mountain. Not a soul was in site. Allan worked way below about 1.5 miles southwest and 800 feet lower than me. I chanced a 100% sun exposure for a bit until a high-flying airplane could be heard. None the wiser of my daring.

I have some great panoramic photos of my view from the operating position. Allan gets the second prints and promises to post some scans to his page. The ARS Sojourner should get some as well.

Saturday night, before the BB contest, I found the OHR-100 would not power the final amplifier. I troubleshooted this in my sleep and Allan was amazed (as was I), when I quickly found the problem. The power control pot extension wand had been apparently munged (a tech. term) while in my backpack. The control pot wiper was broken and off the board. After straightening the legs of the pot, I duct-taped the connected control wand up at an angle, preserving a mechanical connection. The OHR-100 was now functional after 5 minutes of quick work. I was ready to enjoy the BB contest and still had time to hike up 800 feet!

A great trip and very exciting to play radio every night. Maybe next time we'll just bring a screen terrace big enough to cover us and our stations.

72 all. -Ed we6w

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Mon, 02 Aug 1999 17:44:03 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [46635] Re: DK9SQ Fiberglass Telescoping Tower
Message-ID: <37A61123.2771@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have also just learned that the mast is available from Kanga US.

<http://www.bright.net/~kanga/kanga/>

73,
Ed, W1RFI

Date: Mon, 2 Aug 1999 16:47:21 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46636] Looking For Component Identification Program
Message-ID: <005a01bedd30\$b6003c30\$15a24cd8@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

While I was at the Houston QTH, I downloaded a program that showed you how to identify all types of factory-labeled components. For example, it had the color codes for inductors, did all the conversions on capacitors, and it even told you what certain letters stood for on a cap, such as 103Z and the like.

If anyone out there could tell me where I could download this program, I would appreciate it! Yeah -- I need to install RAS on my NT box in Houston :^).

TIA and 72/73,

Randy Jouett, AB5NI

Date: Mon, 2 Aug 1999 17:56:49 -0400
From: "John Zaruba Jr" <jzaruba@snip.net>
To: <zmola@campbellsci.com>
Cc: <qrp-1@lehigh.edu>
Subject: [46637] Re: Tech America Soldering Station
Message-ID: <00e901bedd31\$ecc322e0\$285bccd1@win95>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The digital station looks nice, does anyone know if the tips are a standard weller or if they are available elsewhere. I'm just affraid of buying a station only to find it useless without tips.

Carl

If you'll excuse the pun, I "short circuited" the problem by ordering extra tips. At \$2.99 a pop, I bough a bunch. I'll let you know how I make out with the unit.

72/3 de John AA2BN

Date: Mon, 2 Aug 1999 14:56:44 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>
Subject: [46638] New Editor for the QRP ARCI Quarterly
Message-ID: <Pine.GS0.4.10.9908021446300.26683-1000000@rotor.dri.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I am very happy to announce that we have a new Managing Editor for the Quarterly.

Her name is:

Mary Cherry, NA6E.

There were several people who said they would help and I want to thank you all. (Mary will be in touch with each of you to see if you can help us grow!)

Mary brings to the position a lot of good skills, experience and a very positive attitude. I'm sure she will do a much better job than I did.

I thank you all for the wonderful support you have given me over the past few years and I know that you will now give this support to Mary.

Thanks again, (and THANK YOU MARY!)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 02 Aug 1999 15:14:02 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: w1rfi@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46639] Re: DK9SQ Fiberglass Telescoping Tower
Message-ID: <37A6182A.514E@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

And when I ordered mine from Kanga the shipping was only \$5!

72

Elliot WA6TLA

Ed Hare, W1RFI wrote:

>

> I have also just learned that the mast is available from Kanga US.

>

> <http://www.bright.net/~kanga/kanga/>

>

> 73,

> Ed, W1RFI

Date: Mon, 02 Aug 1999 15:51:10 -0700

From: Ed Loranger <we6w@qsl.net>

To: qrp-1@lehigh.edu

Subject: [46640] Antenna Ideas at new QTH

Message-ID: <37A620DE.8FF@qsl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi gang. The new qth has a great hamshack but the antenna possibilities have a new twist.

Whereas the last qth had 3 large redwood trees, this place has one tree with a maximum height of about 25 feet up.

Here's the two antennas I've tried so far.

#1:

40 meter half wave sloper with zepp feed. the zepp feed is 300 Ohm twinlead with one wire floating at the attachment location about 7 feet up.

This antenna was about 3 S-units weaker than average QRP stations worked. ZM-2 ATU loads easily and sharply.

#2:

Added 33 ft. 1/4 wave to what was the floating end of the zepp feed. Now I have a 3/4 wave antenna fed off-center with a low-z to the 1/4 wave and Hi-Z to the 1/2 wave. As expected, this is just about impossible to load with the ATU and I immediately went to experiment #3.

#3:

1/2 wave sloper on one side of 300 Ohm line. 50 ft. wire to other side of line. Antenna loads OK and am now 1 S-unit below typical QRP station reports sent/rcvd.

I didn't stretch the 50 ft section straight since it would become part of the neighbors bedroom :) Instead, I sent it straight, in-line with the sloper, to the fence about 25 feet away then turned a 90 degree to the fence West and rounded that corner at 45 degrees and finished up string-anchored about 1 foot away from the wood fence.

Next possibilities are a direct ground at the shack though I expect the antenna may need to be an odd multiple of 1/4 wave. Say 3/4 wave so I get a low-Z to the feedline. A center-fed half-wave is out of the possibilities for a North/South antenna. The house is in the way.

Hope to work some of you in the Spartan Sprint tonight on 40 (4 W) or maybe 20 meters (1.9 watts).

72/Ed we6w

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Mon, 2 Aug 1999 15:55:03 -0700
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [46641] QPR Quarterly
Message-ID: <19990802.155504.-3969501.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

WOW! Just got my first issue of QRP Quarterly (July 99) and it looks terrific. Can't wait to get into it.

Nice to see pictures of people that I worked on the air.

Thanks to all of the fine people who worked so hard on it.

If this is the way they all are, count me a life member.

72/73

Bill, K6MGO QRP ARCI #9963, NORCAL #1532

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

End of QRP-L Digest 1536

